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and is derived by analysis of the total score distribution.
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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6_COMB.seq:*
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ch 1 Similarit 693; Conse	1700-607-2 ence 2, Application nt No. 558708 ERAL INFORMATION: PPLICANT: Bandman, ppliCANT: GOL1, SUPPLICANT: Hilman, ITLE OF INVENTION: UPBLICANT: HILMAN, HILMAN, STATE: COMPUTER: CA ADDRESSEE: INCYTE PAIO ALTO COUNTRY: U.S. ZIP: 94304 MEDIUM TYPE: Diske COMPUTER READABLE FOI MEDIUM TYPE: Diske COMPUTER: IBM Compoperating Systems: Software: Falling Date: Filling Date: Filling Date: Filling NUMBER FOI NAME: Billings, Lured FOI NUMBER FILLING DATE: Golf Date: CHARACTERIST FILLEDHONE: 415-85; FILLEPAX: 415-85;		222222222222222222222222222222222222222
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Patent No. 5858708

GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Au-Young, Janice
APPLICANT: Goli, Surya K.
APPLICANT: Hillman, Jonnifer L.
TITLE OF INVENTION: TWO NOVEL, HUMAN NSP-LIKE PRO NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:
ANDDRESSES 1000015
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SOFTWARE: FASTSEO Version 1.5
CUDDENT AUDITORION DATA:
AUDITORED BRANCH HIMBER (11/11/111/1111)
                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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                                                                                             STATE: CA
COUNTRY: U.
ZIP: 94304
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Sequence 9, Application US/08700607

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                                                                     GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Au Young, Janice
APPLICANT: Goll, Surya K.
APPLICANT: Hillman, Jeanifor L.
TIPLE OF INVESTION: TWO NOVEL HUMAN NSP-LIKE PROTEINS
NUMBER OF SEQUENCES: 9
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US-08-700-607-4
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STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
IMMEDIATE SOURCE:
LIBRARY: THPINOB01
CLONE: 31870
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
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REGISTRATION NUMBER: 36
CENGTH:
                                                             ATCTPTGGTGCTGTTTTTAÁCGGAATCACCCTTCTAATTGTTGCTGAACTGCTGATTTTNA
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Gaps

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>>>KWIC option is not available in file(s): 41, 77, 399

## (Item 1 from file: 357)

DIALOG(R) File 357: Derwent Biotechnology Abs (c) 2001 Derwent Publ Ltd. All rts. reserv.

0261011 DBA Accession No.: 2001-01526 PATENT

Novel protein associated with cell stress response useful for modulating stress levels, cell growth, diagnosis and treatment of cancer and malignant growth and for identifying agonists and antagonists- \*Nogo\*-\*B\* protein gene useful for gene therapy

Y

AUTHOR: Wei D; Halenbeck R; Williams L T

CORPORATE SOURCE: Emeryville, CA, USA.

PATENT ASSIGNEE: Chiron 2000

PATENT NUMBER: WO 200060083 PATENT DATE: 20001012 WPI ACCESSION NO.:

2000-665007 (2064)

PRIORITY APPLIC. NO.: US 140331 APPLIC. DATE: 19990621 NATIONAL APPLIC. NO.: WO 2000US9383 APPLIC. DATE: 20000407 LANGUAGE: English

## - \*Nogo\*-\*B\* protein gene useful for gene therapy

ABSTRACT: A new isolated stress-phosphorylated endoplasmic reticulum protein, \*Nogo\*-\*B\* (I) is claimed. (I) contains a 373 residue amino acid sequence (S1), fully defined or a disclosed sequence, where the fragments are joined by peptide...

... of (I); an isolated antibody which binds to (I); an epitope-bearing portion οf (I); a composition containing (I); inhibiting (V); decreasing the activity of \*Nogo\*-\*B\* in a cell by phosphorylating \*Nogo\*-\*B\*; and inhibiting the activity of \*Nogo\*-\*B\* in cell by treating the cell with an antisense oligonucleotide or ribozyme. \*Nogo\* -\*B\* protein and polynucleotides are useful for modulating stress and cellular stress-response, cell growth and viability, diagnosis and treatment of cancer, malignant growth and other \*Nogo\*-\*B\* related diseases. \*Nogo\*-\*B\* proteins are also useful to screen combinatorial libraries to identify agonist or antagonist. (68pp)

DESCRIPTORS: human recombinant stress-phosphorylated endoplasmic reticulum protein \*Nogo\*-\*B\* prep., antibody, phosphorylation, vector expression in host cell, appl. stress-level, cellular stress-response, cell growth, viability modulation, cancer, malignant growth, diagnosis, therapy, gene therapy...

## 2/3,K/2 (Item 1 from file: 399)

DIALOG(R) File 399:CA SEARCH(R)

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## CA: 133(20)277202b 133277202 PATENT

Protein and cDNA sequences of a novel human endoplasmic reticulum protein Nogo B associated with cell stress response

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LOCATION: USA

ASSIGNEE: Chiron Corp.

PATENT: PCT International ; WO 200060083 Al DATE: 20001012

APPLICATION: WO 2000US9383 (20000407) \*US PV128372 (19990408) \*US PV140331 (19990621)

PAGES: 68 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/12A; C12N-005/10B; C07K-014/47B; C07K-016/18B; A61K-038/17B; A61K-031/70B

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU;

ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM;

TR; TT; TZ; UA; UG; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE;

CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

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2/3,K/3 (Item 2 from file: 399) DIALOG(R) File 399:CA SEARCH(R) (c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

CA: 133(3)27368c PATENT

Nucleotide and protein sequences of Nogo genes and their uses in diagnosis and therapy of nervous system disorders

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PATENT: PCT International; WO 200031235 A2 DATE: 20000602 APPLICATION: WO 99US26160 (19991105) \*US PV107446 (19981106) PAGES: 122 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-000/A DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

(Item 3 from file: 399) 2/3, K/4

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CA: 132(21)277085v **JOURNAL** 

Nogo-A is a myelin-associated neurite outgrowth inhibitor and an antigen for monoclonal antibody IN-1

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